

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                             | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|---------------------------------|------------------|---------|---------------------|
| L1    | 12426 | (RFID or tag or chip or barcode) with (thickness or width or type) near3 (substrate or web or media or medium or paper)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND              | ON      | 2009/05/09<br>16:30 |
| L2    | 6181  | (RFID or tag or chip or barcode) with (thickness or width or type) near3 (substrate or web or media or medium or paper) print\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND              | ON      | 2009/05/09<br>16:31 |
| L3    | 920   | (RFID or tag or chip or barcode) with (thickness or width or type) near3 (substrate or web or media or medium or paper) ("101".clas. or "347".clas. or "400".clas.)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND              | ON      | 2009/05/09<br>16:31 |
| L4    | 671   | (RFID or tag or chip or barcode) near5 (thickness or width or type) near3 (substrate or web or media or medium or paper) ("101".clas. or "347".clas. or "400".clas.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND              | ON      | 2009/05/09<br>16:34 |
| L5    | 563   | (nozzle or jet or printhead or head) with (height or position or level) (RFID or tag or chip or barcode) near5 (thickness or width or type) near3 (substrate or web or media or medium or paper) ("101".clas. or "347".clas. or "400".clas.)      | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND              | ON      | 2009/05/09<br>16:35 |
| L6    | 14    | (nozzle or jet or printhead or head) with (height or position or level) same (RFID or tag or chip or barcode) near5 (thickness or width or type) near3 (substrate or web or media or medium or paper) ("101".clas. or "347".clas. or "400".clas.) | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND              | ON      | 2009/05/09<br>16:36 |

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|----|-----|---|---------------------------|-----|----|------------------|
| L7 | 44  | (barcode or tag or RFID) near2 identify\$4 with (type or thickness or height) near2 (paper or substrate or web or media) print\$4 | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/09 17:02 |
| L8 | 2   | type near2 (substrate or web or paper) with thickness near2 (substrate or web or paper) with look near2 up near2 table            | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/09 18:26 |
| S1 | 1   | "10580900"  | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/04 18:06 |
| S2 | 1   | "4836697".pn.   | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 14:17 |
| S3 | 47  | printhead with platen support slid\$4 with frame (driv\$4 or motor)   | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 14:25 |
| S4 | 73  | height near3 (adjust\$4 or chang\$4 or alter\$4 or manipul\$4) near3 (printhead or (print near2 head))                            | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 15:16 |
| S5 | 25  | height near3 (adjust\$4 or chang\$4 or alter\$4 or manipul\$4) near3 (printhead or (print near2 head)) platen                     | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 15:17 |
| S6 | 19  | height near3 (adjust\$4 or chang\$4 or alter\$4 or manipul\$4) near3 (printhead or (print near2 head)) platen (drive or motor)    | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 15:17 |
| S7 | 647 | position near3 (adjust\$4 or chang\$4 or alter\$4 or manipul\$4) near3 (printhead or (print near2 head))                          | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 15:19 |
| S8 | 242 | position near3 (adjust\$4 or chang\$4 or alter\$4 or manipul\$4) near3 (printhead or (print near2 head)) platen (drive or motor)  | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 15:19 |
| S9 | 425 | 400/120.16  | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 16:22 |

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| S10 | 76     | 400/120.17.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>16:22 |
| S11 | 262    | 400/120.16.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>16:22 |
| S12 | 497    | 347/197.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>16:23 |
| S13 | 135    | 347/198.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>16:23 |
| S14 | 103680 | bias near3 spring  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>16:23 |
| S15 | 311    | float\$4 near2 (printhead<br>or (print near1 head))  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>16:23 |
| S16 | 28974  | RFid   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>16:24 |
| S17 | 145    | (S11 or S12 or S13 or<br>S10) platen slid\$4<br>(printhead or (print near1<br>head))   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>16:37 |
| S18 | 3770   | information near3 stor\$4<br>near3 (paper or substrate<br>or (print\$4 near2<br>material))   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>17:41 |
| S19 | 61     | information near3 stor\$4<br>near3 (paper or substrate<br>or (print\$4 near2<br>material)) (printhead or<br>(print near1 head)) with<br>platen | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>17:47 |
| S20 | 3035   | RFid with (paper or<br>substrate or (print\$4<br>near2 media))   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>18:36 |
| S21 | 101    | RFid with (paper or<br>substrate or (print\$4<br>near2 media)) platen<br>((print near2 head) or<br>printhead)                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>18:36 |
| S22 | 507    | 400/55.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>18:42 |
| S23 | 18     | 400/60.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>18:42 |

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| S24 | 222  | 400/58.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>18:42 |
| S25 | 360  | 400/59.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>18:42 |
| S26 | 310  | RFid ("400".clas. or "347".<br>clas.)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>18:43 |
| S27 | 1    | "20020006303"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>18:47 |
| S28 | 1    | "6380965".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>18:47 |
| S29 | 157  | (S11 or S12 or S13 or<br>S10) (compress\$4 or<br>spring) with frame                             | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>19:34 |
| S30 | 144  | (S22 or S23 or S24 or<br>S25) platen slid\$4<br>(printhead or (print near1<br>head))            | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/05<br>20:34 |
| S31 | 1    | "6095701".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/06<br>20:12 |
| S32 | 1    | "5366302".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/06<br>20:18 |
| S33 | 1    | "5694159".pn.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/06<br>20:19 |
| S34 | 2    | "03101986"  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/10<br>15:05 |
| S35 | 505  | (support\$4 or frame\$4)<br>with (spring\$4 or compress<br>\$4) with (platen near1 roll<br>\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/10<br>15:50 |
| S36 | 2972 | (support\$4 or frame\$4)<br>with (spring\$4 or compress<br>\$4) with (platen)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/10<br>15:50 |
| S37 | 323  | S35 thermal near3 print\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/10<br>15:51 |
| S38 | 176  | S35 thermal near3 print\$4<br>"400".clas.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2008/11/10<br>15:51 |

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| S39 | 5   | ((adjust\$4 with pressure) or (vertical or linear) near3 (direction)) with (print near3 head or printhead) platen information near3 (material or substrate or paper) near3 (store\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO       | AND | ON | 2008/11/10<br>16:06 |
| S40 | 9   | ("20020080223"   "20060228148"   "4944621"   "5172137"   "5366302"   "5657066"   "5694159"   "6095701"   "6480216").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO       | AND | ON | 2009/05/06<br>20:46 |
| S41 | 2   | ("2002/0080223").URPN.  | USPAT                                 | AND | ON | 2009/05/06<br>20:55 |
| S45 | 0   | "09746051"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS | AND | ON | 2009/05/06<br>20:56 |
| S46 | 2   | "09/746051"   | US-PGPUB;<br>USPAT;<br>EPO; JPO       | AND | ON | 2009/05/06<br>20:57 |
| S47 | 5   | ("5379056"   "5448281"   "5594487"   "5678938"   "5735617").PN.   | US-PGPUB;<br>USPAT;<br>USOCR          | AND | ON | 2009/05/06<br>20:57 |
| S48 | 566 | "400".clas. printhead with platen   | US-PGPUB;<br>USPAT;<br>USOCR          | AND | ON | 2009/05/06<br>21:00 |
| S49 | 1   | "11498342"  | US-PGPUB;<br>USPAT;<br>EPO; JPO       | AND | ON | 2009/05/07<br>16:01 |
| S50 | 5   | "6435091"   | US-PGPUB;<br>USPAT;<br>EPO; JPO       | AND | ON | 2009/05/07<br>16:02 |
| S51 | 2   | "11332196"  | US-PGPUB;<br>USPAT;<br>EPO; JPO       | AND | ON | 2009/05/07<br>16:31 |
| S52 | 0   | position\$4 near2 printhead with (data or information) with (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web)  | US-PGPUB;<br>USPAT;<br>EPO; JPO       | AND | ON | 2009/05/08<br>20:00 |
| S53 | 49  | position\$4 near2 printhead with (data or information) (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web)   | US-PGPUB;<br>USPAT;<br>EPO; JPO       | AND | ON | 2009/05/08<br>20:00 |

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| S54 | 100 | (mov\$4 or driv\$4 or plac\$4 or position\$4) near2 printhead with (data or information) (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2009/05/08<br>20:01 |
| S55 | 227 | (mov\$4 or driv\$4 or plac\$4 or position\$4) near2 printhead (data or information) near4 (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2009/05/08<br>20:11 |
| S56 | 0   | (vertical or upward or height\$4) near4 (mov\$4 or driv\$4 or plac\$4 or position\$4) near2 printhead (data or information) near4 (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web) | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2009/05/08<br>20:12 |
| S57 | 1   | (mov\$4 or driv\$4 or plac\$4 or position\$4) near2 printhead same (data or information) near4 (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web)                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2009/05/08<br>20:12 |
| S58 | 2   | (data or information) near4 (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web) with (control\$4 or mov\$4) near2 printhead   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2009/05/08<br>20:14 |
| S59 | 4   | (data or information) near4 (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web) with (control\$4 or mov\$4) near2 (printhead or head or jet or nozzle)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2009/05/08<br>20:14 |
| S60 | 309 | (tag or chip or barcode or RFID) near2 control\$4 near2 (printhead or jet or nozzle)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | AND | ON | 2009/05/08<br>20:35 |

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| S61 | 230 | (tag or chip or barcode or RFID) near2 control\$4 near2 (printhead or jet or nozzle) ("101".clas. or "400".clas. or "347".clas.)  | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:35 |
| S62 | 2   | (web or paper or medium or substrate) near2 (tag or chip or barcode or RFID) near2 control\$4 near2 (printhead or jet or nozzle) ("101".clas. or "400".clas. or "347".clas.)          | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:36 |
| S63 | 2   | (web or paper or medium or substrate or media) near2 (tag or chip or barcode or RFID) near2 control\$4 near2 (printhead or jet or nozzle) ("101".clas. or "400".clas. or "347".clas.) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:36 |

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